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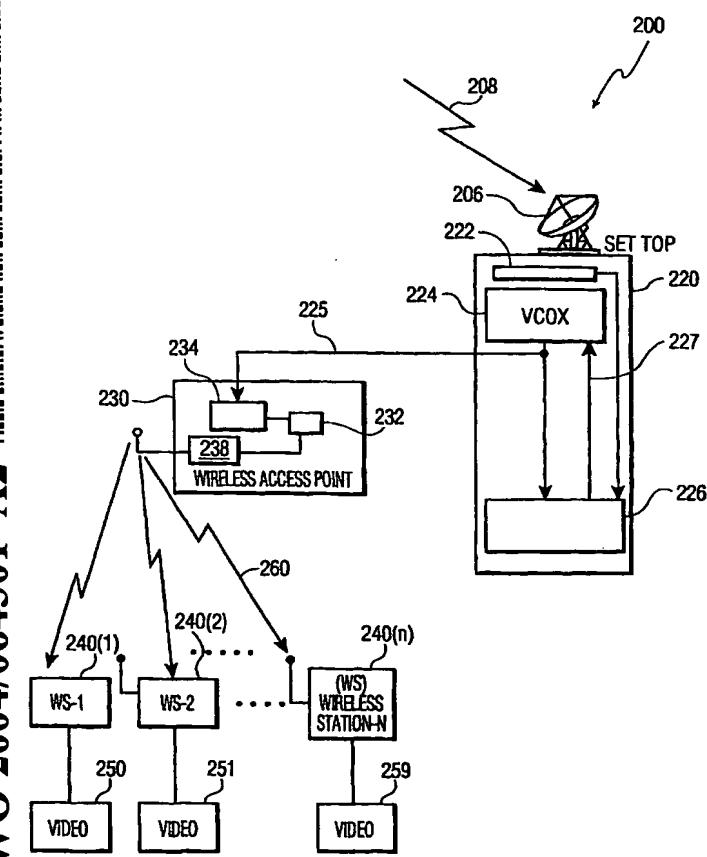
[Continued on next page]

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(72) Inventors; and

(75) Inventors/Applicants (for US only): GERVAIS, John

(54) Title: METHOD AND APPARATUS FOR SYNCHRONIZING DIGITAL VIDEO USING A BEACON PACKET



(57) Abstract: The invention disclosed utilizes a broadcast receiver configured to receive digital packets which contains timestamps. When a timestamp is detected in the set top box a time base is compared to determine any time difference between the current and last timestamp so as adjustments can be made to synchronize the data reception rate with the head end. The set top box further communicates that difference through a wireless access point which in addition to transmitting its internal timing beacon, also sends the time difference to its basic services set so as adjustments can be made in its time base. These changes in the rate of the wireless access point beacon and the affect upon the wireless station VCXO have a corresponding effect on the rate at which the video data is consumed and therefore reduce the risk of buffer underflow/overflow.

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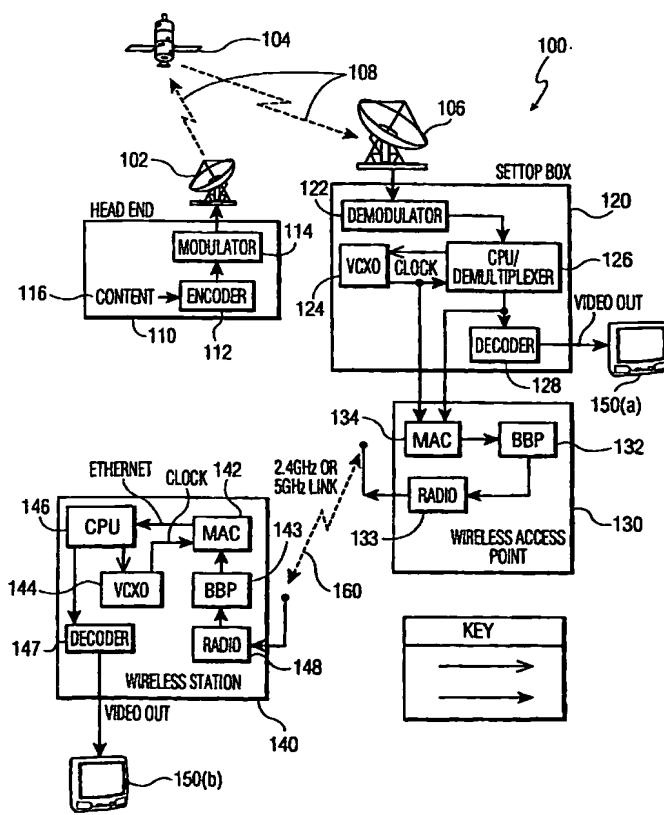
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(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH,

[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR SYNCHRONIZING DIGITAL VIDEO USING A BEACON PACKET



(57) Abstract: A WLAN compliant device (142, Fig. 1) which comprises a VCXO (144), a MAC, a decoder (150) which outputs video wherein said device compares time stamps to obtain a difference.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H04J 3/00 3/06, 3/07; H04B 7/185; H04Q 7/24
US CL : 370/310, 315-316, 338, 503-520

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 370/310, 315-316, 338, 503-520

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
none

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,751,721 A (BLOKS) 12 May 1998, col. 5	1-5, 7
X	US 2002/0098852 A1 (GOREN et al.) 25 July 2002, sections 42, 44, 73, 84, 103, 163	6

Further documents are listed in the continuation of Box C.

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later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

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document member of the same patent family

"P" document published prior to the international filing date but later than the priority date claimed

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INTERNATIONAL SEARCH REPORT

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Continuation of B. FIELDS SEARCHED Item 3:

East:

search terms: time base, time stamps, difference WLAN, 802.11